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JULY 1892.

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OUR 29TH YEAR.

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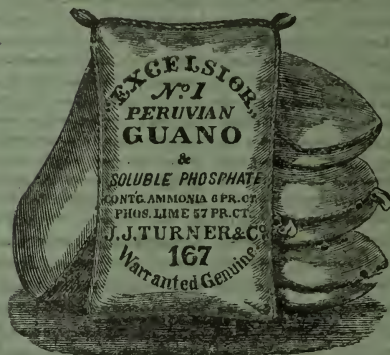
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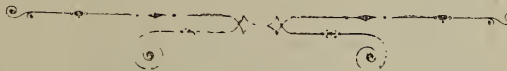
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Agriculture; Horticulture, Live Stock and Rural Economy.

Vol. XXIX.

BALTIMORE, July 1892.

No. 7.

THE WAY OF THE RAIN.

MRS. WHITNEY.

I heard an old farmer talk one day !
Telling his listeners how
In the wide, new country far away
The rainfall follows the plow.

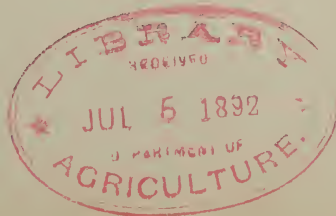
“As fast as they break it up you see,
And turn the heart to the sun,
As they open the furrows deep and free
And the tillage is begun,

“The earth grows mellow, and more and more
It holds and sends to the sky
A moisture it never had before,
When its face was hard and dry.

“And so wherever the plowshares run
The clouds run overhead,
And the soil that works and lets in the sun
With water is always fed.”

I wonder if that old farmer knew
The half of his simple word,
Or guessed the message that heavenly true,
Within it was hidden and heard.

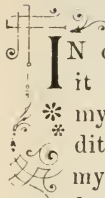
It fell on my ear by chance that day,
But the gladness lingers now,
To think it is always God's dear way
That the rainfall follows the plow.



For The Maryland Farmer.

OUR NEW FARM, XXXV.

CONCLUSION.

N drawing my narrative to a close, it is proper that I should inform my readers of the present condition of my family, my farm and my surroundings. If I did not do this they could not say whether my life on the farm had been successful or otherwise.

It will be remembered that I commenced with but little practical knowledge of farming—only what I could learn from reading. Also, I ran in debt for about one half of my farm.

I acknowledge that for the first two or three years I had a pretty hard time of it.

Often our funds ran very low, and it required the utmost economy of my wife and daughter, as well as myself, to come out safely.

I am confident that I was making a fair profit on my labor even then; but it was sunk in the land, getting it into a more fertile condition, into good heart. I did not see it in dollars and cents in my pocket or in my bank account.

I have not now become rich, although I have been nine years on my farm, and have added perhaps a couple of thousand dollars to the fund laid by. But I have other things to be glad about.

I have a good farm and have enjoyed an exceptionally pleasant life during these nine years. The labor has not always been just such as I should have chosen for myself; but upon the whole I

am well satisfied even in that particular.

The neighbors have not in all cases been satisfactory; but I think as much so as they ever are, even in the city.

The readers know especially that I was fortunate in my colored help Charley, an intelligent and very willing hand, always ready to do as I wished, even when he "didn't know how it would come out."

They also know of the marriage of my daughter and the building of the cottage, and the improvements made in that part of the farm.

To give them an idea of the farm as it now is allow me to state a few items concerning the crops for the last year.

Nothing consumed in my own family will be taken into account, and nothing given away to daughter, to Charley, or to any of the neighbors; only what came in from abroad in the shape of money.

Now for the crops:

The apple orchard, about two acres in full bearing and about two more acres just beginning to bear, brought in \$194.65.

One acre of pear orchard or a little more—about half of them dwarfs, brought in \$64. A half acre of Quinces in good bearing brought \$61.38. My cherries brought only \$13.16! for I could not get them picked in time, and a rain coming on destroyed the most of them.

Two acres of peach orchard, mostly very late peaches, brought excellent

prices \$136.41. Plums did but little, the market for them being comparatively low that season \$21.20. The entire income from orchard fruits was \$491.10.

Now of my small fruits:

About one acre of Strawberries—of course we ate many ourselves—\$64.00.

Four acres of currants and Gooseberries, which averaged us 5½c. a quart basket, taking both those sent to Washington and Baltimore, brought \$721.16. This was the most profitable crop this year considering the ground occupied and the actual labor bestowed upon it. From our grapes we realized \$79., getting only two cents a pound for them. However we must remember that our family are very fond of grapes, and a reasonable amount were put into jars and made into wine. Of the other small fruits we sold none.

Next we will take our vegetable crops:

We sold but little asparagus, although I am confident that it would become a very profitable crop if cultivated more extensively—\$23.15. The same may be said of rhubarb—\$36.19. They are both early and bring excellent prices, and require but very little labor after they are once established.

Green Peas were the great crop this year, and we had five acres of them, at \$314.23. I got for tomatoes \$116.76 and for sweet corn \$207.85. In addition to these things we sold a few potatoes, beans, etc., in all amounting to \$37.52.

Our animals and their produce appear somewhat confused upon our books—the accounts of the sheep and the poultry got mixed up, but altogether the amount was \$117. Our honey we did not sell. What spare butter we had went to the store down to the depot and the money

or goods did not get on the books—the same also of many of the eggs.

The corn, oats and hay were all used on the farm—none raised for market. I think, however, we did let a neighbor have a load of clover hay, although it does not appear on the books, unless under the head of “sundries,” which amount to \$57.55.

This shows the total income for that year in cash to have been \$2295.46. Any of your readers can go over the statements made and see if any mistakes are visible in this footing up of my books.

Of course out of this must come the expenses of all hired help, purchased fertilizers, and the wear and tear of implements, vehicles, etc., which I find amounted to \$619.43, leaving for the support of my family 1676.03, being the amount we could put to our own earning.

We do not place in this account anything used from the farm for the support of family or stock; none of the pleasant rides, the bouquets of choice flowers, the hosts of delicious fruits, the profusion of vegetables in their prime fresh condition, the milk and eggs without measure or thought of price. All these and innumerable other enjoyments which large amounts of money could not purchase in the city.

My dear wife has just been looking over my shoulder while I write, and she says:

“No one will be interested in that dull account of figures; why don’t you tell how many improvements you have made, and what you have added to the beauty of the place?”

I stop writing to answer her:

“I want my readers to know just how

my farm is turning out, and I think last year is a fair sample."

But she said :

"We read of other people making four or five hundred dollars from one acre, and it is not very likely the readers will think you have done much when your best acres have only done a little more than one hundred, and you have to pay expenses out of that."

Then I said to her :

"That is all true, my dear wife. I know we read of people in the papers who have done vastly better than we have done. But that can't be helped. The most of farmers have not come up to our mark. It is low; but taking all things into consideration I think it a fair thing, and that being reasonable it will encourage those who read it."

She answered this by saying :

"Your account of the currants won't satisfy farmers generally; for they seldom take much stock in currants and gooseberries."

I replied :

"Most farmers take currants to market in buckets or peach baskets and get but little for them comparatively; but you know ours went in quart baskets, and were all in large bunches, and Charley had the most of them sold at retail prices. Perhaps in that case the general run of farmers would not do as well as we did. But in all the other cases I think they could do fully as well; for I only got the prices of the commission merchant who handled the goods."

She immediately branched off in another direction, asking :

"Why don't you tell them that we have a grandson up in the cottage? That would interest them more than crops."

Upon this, what could I do but laugh?

Then she said :

"I'm sure little Johnnie Green Camden is fully as important as an acre of strawberries, or a dozen or so of sheep."

I responded :

"Well, I guess he is—and especially so to his parents and grandparents. But I am afraid he will interest us for the present more than those who are reading *Our New Farm*."

She said :

"I don't care. Apple orchards, and fruits, and vegetables, and stock are nowhere, when we think of the young immortal who has come into our circle."

Then I said to her :

"All right. I'll just put down this conversation on the subject."

And I placed my arm around her waist and gave her a kiss.

Just then who should come but James and daughter and the little Johnnie Green Camden aforesaid; and daughter said :

"Why James, see father and mother making love all by themselves."

Then we all laughed heartily, and I told them what we were talking about and we became quite boisterous in our mirth, in the midst of which little Johnnie set up a yell which was a decidedly discordant note. But a little "coddling" of the mother and grandmother brought everything into order so far as Johnnie was concerned.

And thus we are living now on *Our New Farm*. It is a life of real happiness and content. We have enough to eat, drink and clothe ourselves at least respectably. We are able to enjoy all the social gatherings of the neighborhood. We can occasionally visit either Wash-

ington or Baltimore, if anything attracts us in those cities. We can bring our friends and neighbors together two or three times each winter beneath our own roof, and give them seasons of enjoyment.

We have the daily newspapers and such reading matter as will benefit us, or give us pleasure. We look forward in confidence that the years to come will bring us continued comfort and happiness.

Oh, ye families, toiling and struggling in cities for a bare subsistence—where every flower, every fruit, is felt to be an expensive luxury—where the present is dark and the future with little promise—I too have been in your place with my family. Would that I could bring home to you the lesson to be learned from “Our New Farm.”

(THE END.)

For The Maryland Farmer.

WICOMICO COUNTY.

The following communication from “Forester” came too late for the June number; but its information and suggestions are valuable for readers both at home and abroad; and therefore we give it in the present number. Make due allowance, remembering that it was written the 30th of May:

Mr. Editor:—We are now in the midst of our berry crop which bids fair to be the largest for some years. Last year it brought about \$125,000. If the prices keep up two weeks longer, at or near the present figures, the crop will bring to the county not less than \$150,000. One man has already realized about one

hundred dollars per acre on a piece of land which would not sell for more than \$20. per acre.

The wheat crop is a fair one, corn looks well, hay and clover are excellent, all crops look prosperous; and while our farmers are far behind those of the upper counties in point of agricultural skill and progress, yet they are doing fairly well.

We have ten thousand acres of land for sale in Wicomico county which can be bought on an average of ten dollars an acre, which, if owned by skillful agriculturalists would soon bring fifty dollars per acre. To enterprising men who have a knowledge of farming we have to say, Come to Wicomico and purchase cheap farms, right on the main line of two railroads, and grow rich by improving and cultivating them.

I visited, a few days ago, the excellent farm of Mr. William H. Jackson, of our town. This farm lies two miles west of Salisbury and has on it one of the prettiest peach orchards on the Peninsula. In this orchard is a fine crop of scarlet clover, on which ranges a flock of about 200 of the finest sheep on the eastern shore—by actual count there were 107 lambs, which will average about 50 lbs. to the lamb, and nearly all of one size. His other stock is proportionately fine.

His farm is managed by Mr. Stanford Culver, as tenant, and shows what can be done with our Wicomico lands. This farm only a few years ago was worth about \$5000. It is now worth \$40,000; and it is doubtful if it could be bought for \$50,000. It contains about 900 acres.

There is now in our county for sale a tract of land about the size of the above

which can be bought for \$7000, one fourth cash, balance in one and two years, which will make even a better stock farm than the first named, and quite as good for other purposes, right on the river, with a steamboat wharf within half a mile of it. There are at least twenty five other farms for sale in Wicomico, convenient to navigation, railroads, etc., within as healthy a region as can be found upon the continent.

FORESTER.

Sole King Of The Barnyard.

Cows, Geese, Roosters and Pigs Under
a Game-Cock's Sway.

A game-cock and Alderney bull belonging to H. T. McDermott, of English, Ind., have been dividing the honor of ruling the barnyard.

While feeding last evening the bull undertook to stamp the cock to death and had to yield the "belt" to the cock, which knocked one of the bull's eyes out in the first round.

About one year ago this same cock in one day killed seven geese, which had attacked him in a gang, eleven turkeys and three roosters singly. When the owner beheld the havoc he threw the cock into a pen with an old sow condemned of chicken eating. But within ten seconds he had knocked both her eyes out and was on the pen crowing lustily. The cock is three years old and to day is prized beyond any animal on the farm.
—*N. Y. World.*

Montana Potatoes.

There are no such potatoes in the world as are grown in Montana. They

attain prodigious size, and often weigh three, four or five pounds apiece. Eighteen such potatoes make a bushel. To the taste they are like a new vegetable.

The larger ones are mealy, but the smaller ones are like sacks of meal; when the skin is broken the meat falls out like flour. It must very soon become the pride of every steward in the first grade hotels, restaurants and clubs of the cities here—and even in Europe—to prepare these most delicious vegetables for those who enjoy good living. As these potatoes of the choicest quality can be cultivated in all the valleys east of the Rocky Mountains there will soon be no lack of them. To day the only ones that have left the State have been the few bushels sent to gourmets in New York, Washington and San Francisco.—*Harper's Monthly.*

A Legislature of Farmers.

The present Legislature of Louisiana is composed of 62 farmers, 21 lawyers, 12 merchants, 6 manufacturers and 33 whose occupations are not given. This is a larger proportion of farmers than any Legislature in Louisiana has had since the war.

Agricultural Appropriations.

The Agricultural Appropriation bill for the fiscal year ending June 30, 1893, just completed by the House Committee on Agriculture carries appropriations of \$507,500 in excess of the bill of last year.

The principal increase is in the appropriation of \$500,000 to carry out the provisions of the Meat Inspection law,

the entire amount allowed being \$1,000-000.

For investigations on the subject of forestry and for continuing the rain fall experiments in arid sections \$20,000 is allowed, an increase of \$5,000.

The Weather Bureau has \$6,000 additional, and an item of \$130,000, an increase of \$30,000, is allowed for the distribution of seeds in agricultural districts.

To enable the Secretary of Agriculture to continue investigations concerning the feasibility of extending the demands of foreign markets for agricultural products in the United States \$5,000 is allowed, an increase of \$2,500.

Belt Line Locomotives.

The contract for the electric locomotives to be furnished to the Belt Line Tunnel at Baltimore calls for three eighty-ton engines, capable of hauling 1,200 tons of freight cars through the tunnel from the south end up an eight tenths of 1 per cent grade for a distance of 6,000 feet, and this at the rate of fifteen miles an hour, or a 500 ton passenger train, including locomotive, at the rate of thirty miles an hour. A specially designed trolley system will be used.

Broken Asparagus Tips.

I sell no asparagus in bunches says Chas. W. Garfield in *Rural New Yorker*. I evolved from strings to tape, and then to rubber bands as tying material and have finally broken away from all bands and sell by the pound.

The stalks are never cut, but broken

so that there is absolutely no waste to the consumer, and no temptation for help to place inferior stalks in the middle of the bunches; a temptation that few can withstand.

Each stalk sells upon its merits and the consumer purchases just the amount he desires, which is often impossible when asparagus is sold by the bunch.

The bunching business should be relegated to history. We have no use for the system today.

GRAPES.

Bureau of Statistics and Information.
Baltimore, June 11, 1892.

Farmer Publishing Co.,

Gentlemen :

In response to your inquiry concerning the advantages for grape culture in Montgomery County, I beg to say that from the information I have received from a number of leading citizens of that county I am convinced that the county is well adapted to grape culture in every particular.

The fact the grapes are not, to any large extent, grown for market there, but more for local consumption, makes it difficult to estimate the number of pounds that may be raised to the acre, but the grapes grow compactly and in great perfection, the soil is fine and these things, together with such markets as Washington and Baltimore close at hand, and abundant transportation facilities make it a most desirable location for a vineyard.

The same may be said of a large number of counties in the State, particularly in Southern Maryland, where the people

must soon be compelled to abandon the old system of farming to which they have adhered so closely, and I am sure by new methods and new blood, grapes will be successfully raised at no distant date in this section of the State.

Very truly yours

A. B. HOWARD, JR.,
Chief of Industrial Bureau.

For the Maryland Farmer.

JULY WORK.

Fall crops are planted in July and the great effort must be not to have them suffer from excessive drought.

To stop the drouth from preventing seed germination, roll the ground after planting. This prevents the moisture from leaving the soil as rapidly as would otherwise be the case. It also brings water up from beneath.

Some, after the rolling, again go over the ground scarifying the surface, especially in gardens where it does not require too serious labor. They claim that in this way a light mulch is formed, further preventing rapid evaporation.

"On the 24th of July, sow your turnips—wet or dry."

Sweet corn for fall use may be planted and succeed. The corn planted in July, if taken out of the ground, roots and all, on the approach of frost and placed in the cellar, will give fresh good ears until Christmas.

Do not forget that when other crops are suffering on account of the dry heat, weeds continue to grow. It is necessary to be very particular during this month

in this respect. If the cultivator is used, let it cut the weeds just beneath the surface, and the sun will generally destroy them.

The battle against insects should be very active during July. Trees, vines, flowers, must have constant inspection. The last week in June up to the middle of July the millers which lay their millions of eggs are busy and their work of destruction commences with July. The challenge is given, the lists are open, which shall come off victor? In the past the July grubs have destroyed millions of dollars for the careless.

In July fruit is greatly troubled with fungus growths—mildew, rust, blight, etc., come under this head. Spraying is the remedy of the present day. The Carbonate of copper solution seems to be the proper medicine. It is cheap as effective. Write the Horticulturist at your Experiment Station to give you the proper formula for preparing the mixture.

Every farmer should take time enough to try at least one experiment. If you have done so, watch it carefully this month; for July is generally the most trying month for experiments. Neglect now generally insures a failure.

Train your berries now:

Strawberry runners designed for new beds should be pegged in 3 inch pots of prepared soil and as soon as the roots catch remove the outside runners. This is the best method. The next best is to peg in the open bed and serve in the same way, and then when transplanting carry as much soil as possible with each plant.

For Raspberries, use the thumb or fin-

ger to break out the end buds of the new stalks. The same with blackberries.

If you have pinched in the grape vine sprouts after the fifth leaf, you will find the sprouts strong now, the leaves very large, the bunches of grapes in vigorous growth. Additional sprouts may be pinched out.

Currants are generally ready to be cultivated for full growth and for perfecting their wood. Clean them from all weeds and grass. If troubled with the borer, cut and burn the affected branches. The same instructions are good for gooseberries later.

As you pass through your orchards this month keep your knife in your hand and wherever you see a sprout not wanted cut it off. They are now too large to be rubbed off with the hand, but the pocket knife is all that you need. We do not believe in growing useless wood to be pruned when the saw and wax may be necessary.

Take the best of care of your teams. They suffer from heat as much as from cold. Be careful when you water and feed them. Give them the full benefit of comb and brush, and allow them to run in the pasture as often as convenient.

Keep an eye on the cattle. See that they have access to shade and water. Observe, too, the character of the flies that trouble them while in pasture. Protect them if possible. A little added to their comfort will be seen in the milk pail, and eventually in the pocket book.

Hogs enjoy pasture and they will greatly benefit an orchard, if you can allow them in it. Especially an orchard grown up to grass will be blest by the

rooting of hogs. July is just the month for them in the orchard.

Take care now of the chicken house. Free it from lice. Kerosine on the perches, both above and below. Spray everything with whitewash, till every crack and crevice is saturated with it. Use sulphur or pyrethrum in the dust bath. Let the little chicks be kept free from vermin, if you wish them to prosper.

Examine peach trees for the borer. The miller flies in June. Whitewash with a little insecticide may catch them now, before they can do any injury. If they have commenced to bore, they may be easily discovered by looking from a couple of inches below the soil up.

Pure Foods.

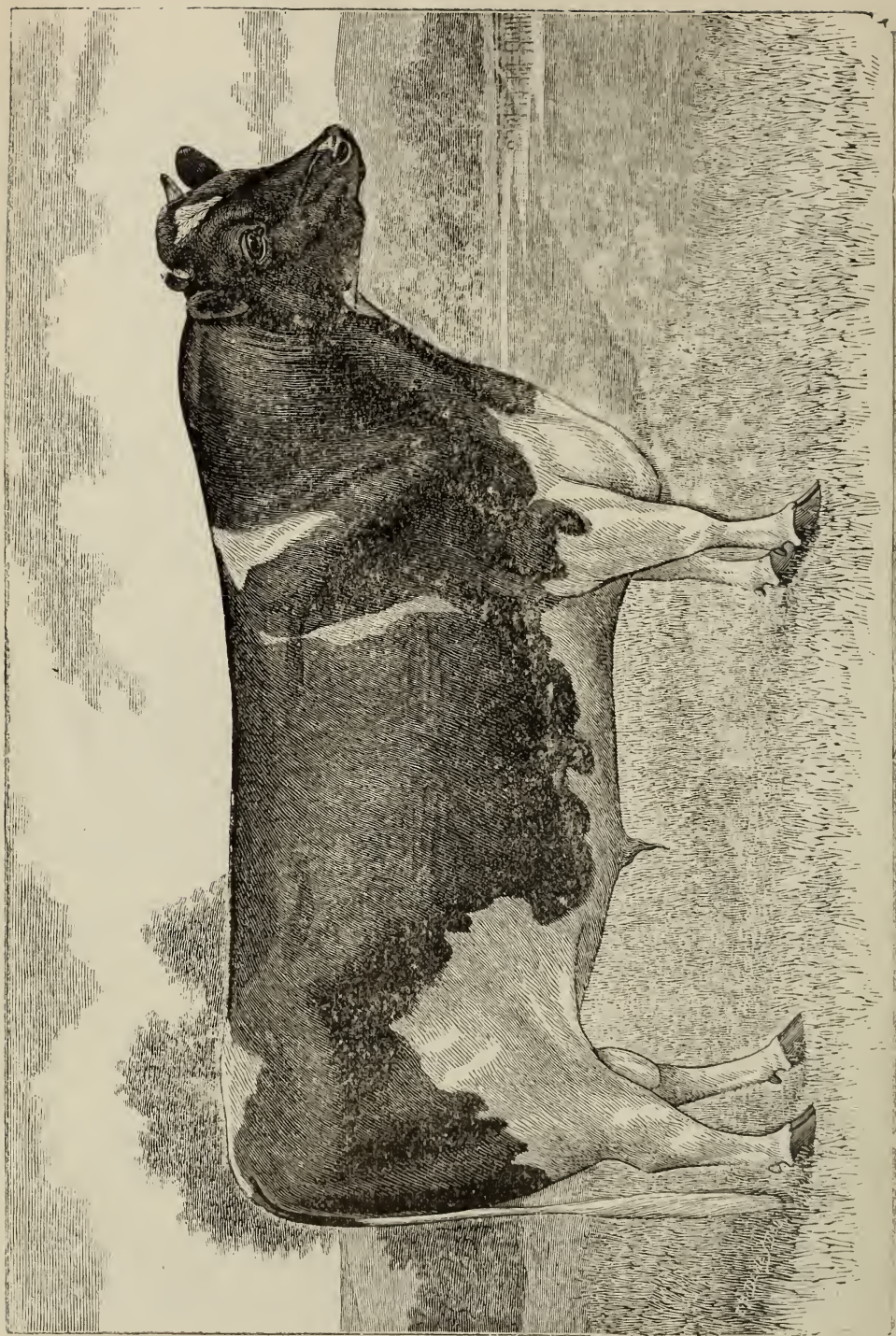
We believe all consumers are in favor of pure foods, and would be glad to have a law passed by congress that would secure them. But this is a widespread and deeprooted subject, and just how to draft a bill that will meet all requirements and fulfil all expectations involves many considerations.

There are many ways of defeating the objects of such a bill, if the bill itself cannot be defeated.

One way is to make it so cumbersome and unwieldy in its execution that it will be practically impossible to enforce it.

To be effective, it must be simple in its construction and requirements and call for the least number possible of officials to execute it.

In short, make it as nearly self-executing as possible, requiring only the ordinary machinery of justice to put it in



force. Make it not only in accord with public sentiment, but so the ordinary citizen can find redress in the police and justice courts of his town or city, if imposed upon, by making due complaint.

It is against the genius of our government to have an extra force of national officials scattered all through the country to execute a national statute, besides incurring unnecessary expense.

Let the statute be of universal appli-

cation and universal execution by the simplest reliable process, in all courts of justice.

Few and plain words ought to cover the ground, and leave the people, who are wronged by the adulteration of foods to see that the statute is enforced.

We are afraid an effort is being made to do too much, and it will end in nothing.—*Mirror and Farmer*.

For the Maryland Farmer.

HOLSTEIN-FRIESIAN.

For many years now, we have been favored regularly with the annual herd book of this breed of dairy cattle from the Hon. C. Volke, Consul of the Netherlands. We have probably given due acknowledgement at the time; but we have not forgotten even after the immediate receipt, that they have stood for a very prominent class of cattle in our country.

These herd books have also given emphasis to one other fact, viz: That Holstein has no such breed of cattle, and should have no part in naming the breed. They are, of right, Friesian cattle. But at least here in America the present name has come to stay, and the great body of farmers would scarcely know the breed if deprived of the word Holstein. So we are forced to place it at the head of this article.

We give the pictures of a bull and a cow of this breed showing the types of

the cattle—their general form and make up, and the peculiar freedom of expression about them indicating their adaptation to large milk production.

This breed have two characteristics of milk very prominent. 1. They thus far stand at the head as to quantity of gallons of good milk, and 2. as the front breed for the production of cheese.

It has been generally admitted that from the same quantity of milk they will not compete with the Jersey for butter, while the latter cannot compete for cheese with even the ordinary "scrubs" of the farm. Yet cheese is destined at no great future to be one of the chief paying productions of the dairy; and "skim" cheese will yet become a great article of common food. This idea may not be accepted readily by those who are ridiculing "skim" cheese continually; but already it is commanding abroad a price equal to what we get for our rich cheese at home

and the word "skim" is outgrowing the "slur" we attach to it.

It thus becomes an important characteristic for the Holstein Friesians, that after the butter is taken from their immense yield of milk, that milk is still rich in cheese compared with any other. As a breed, we can say, the elements for the cheese factory predominate in their milk.

Great producers of milk are always great feeders. This is seen in all cases among our common stock. Often among the cows without pedigree, even without the pale of "grades," we find great producers of milk—both rich and abundant. These cows are always great consumers of food. They eat rapidly and much of it. If in the pasture they are busy while others are idle, and when chewing the cud, if timed, it will be found they move their jaws much more rapidly than others. The Holstein-Friesians are large feeders.

We should not place this against them because the object is to turn our hay, grain, ensilage into milk, butter, cheese and fertilizer. They do this to the very best advantage. The value of the fertilizer alone is almost equal to the amount which could be obtained for the raw products before feeding; and the milk with butter and cheese, speak mostly of profit.

When we are ready to dry up the cow and sell her to the butcher, we have an animal that will give additional satisfaction. She may not be equal here to the Short Horn, or the Angus; but she puts on fat readily and is of good size and inviting appearance. The food which has hitherto gone to make such abun-

dance of milk, now goes to perfect her carcass.

The quality of her beef is good—perhaps not of as enticing a flavor as that of the little Jersey; but it is good; and vastly more of it, when it is to be sold by the pound.

Few, if any, of the breeds of cattle can exceed in general usefulness the Holstein-Friesian, and they are now becoming so wide spread that most farmers can obtain them: Better keep one good cow that pays a profit, than a half a dozen which are kept only at a loss. Sell the latter and buy the former.

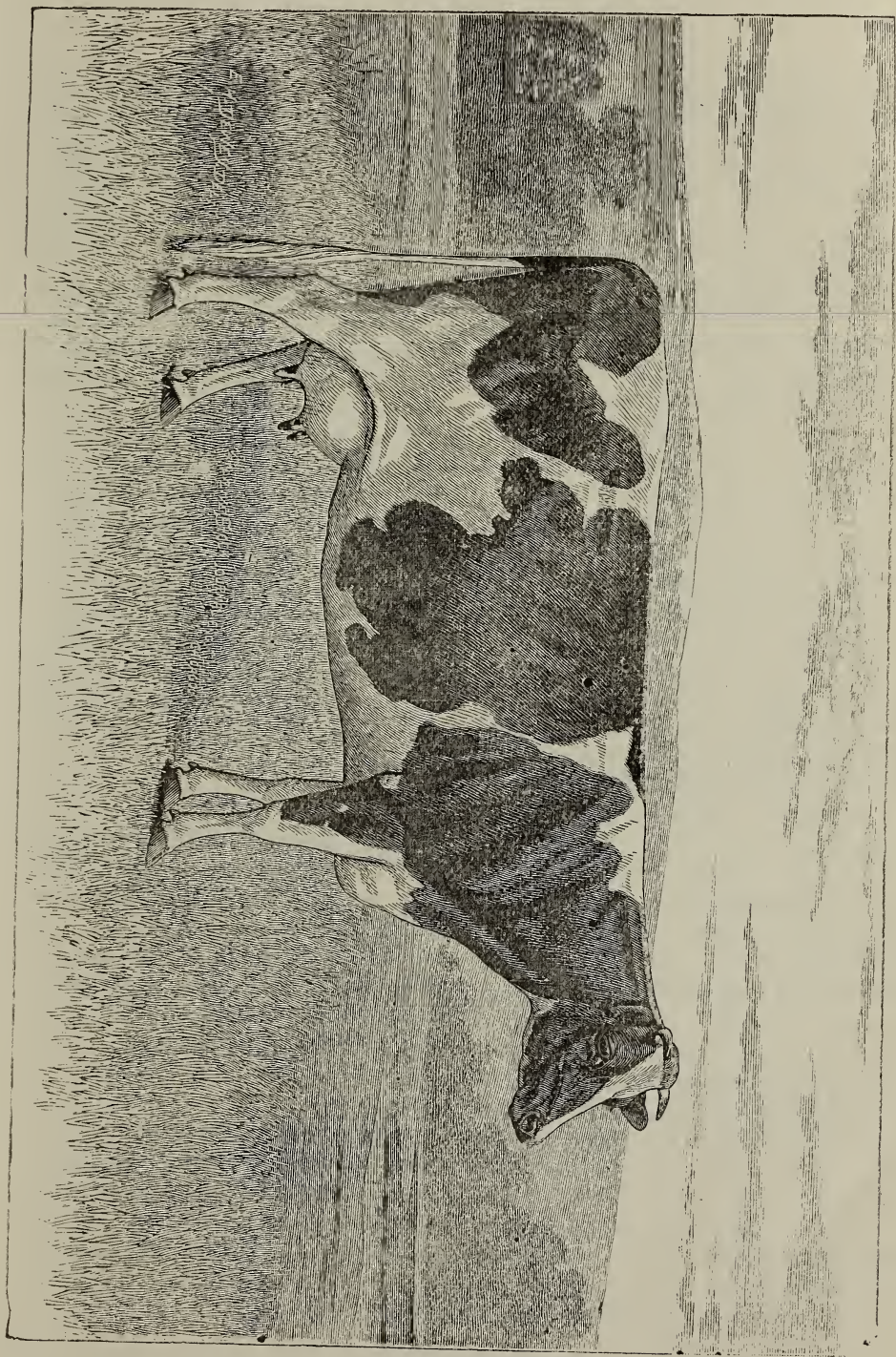
American Corn in Germany.

Mr. Charles J. Murphy, formerly of Omaha, who has been commissioned by the United States government to enlighten Europeans with regard to the advantages of American corn, writes from Berlin, giving some interesting details as to the progress made.

In Germany, he states, thirteen mills have been put in operation for grinding corn, and some of them have been working night and day, and have been unable to fill their orders. Several other mills in various parts of Germany will soon be erected.

In Dresden, where two corn mills are in operation, more than half the bakers are selling maize rye bread, composed of one part maize and two parts rye, in which the taste of the maize is not perceived.

The Government is now putting in a corn milling plant in its large mill at Magdeburg, and the government report on the value of corn as food will soon be published.



For The Maryland Farmer.

BALTIMORE COUNTY GRANGE.

There was a very interesting meeting at the Baltimore County Grange on Thursday, June 9th, in the handsome new Hall of Centennial Grange, at Towson. The meetings of the County Grange are held monthly at the various meeting places of the subordinate granges throughout the county. Baltimore County Grange is one of the foremost in the state in membership, wealth and intelligence, and the subordinate granges are all in a healthy and vigorous condition. Mr. Richard H. Woollen, Master of the County Grange, presided at the meeting. Resolutions were passed commending Judge Burke for his efforts in securing the passage of a law reducing the expenses of the Circuit Court and thereby decreasing the taxes of Baltimore County; endorsing Major Alvord, president of the Maryland Agricultural College, and declaring that the legislature was negligent in passing any legislation of advantage to farmers.

Mr. A. B. Howard, Jr., Chief of the State Industrial Bureau, was present by invitation to explain the nature of the work which he is required to perform, and to invite suggestions from the grangers as to the agricultural statistics of most interest to farmers. He explained that the work prescribed by the bill is entirely beyond his ability with the small means given him by the legislature for expenses, and said that he was very anxious to have co-operation and assistance of the granges and individual farmers throughout the state in collecting the material.

After the meeting of the County Grange

an elegant dinner was served in the main hall by the ladies of the grange, and in the afternoon a meeting of Centennial Grange was held, Mr. W. J. Thanplin, Master, presiding.

Among those present during the day were Messrs :

Richard C. Vincent, C. Lyon Rogers, George Merryman, Fred Rider, Frederick Von Kapff, Albert Booth, Dr. G. M. Bosley, Washington Stevenson, Thomas Stevenson, William G. Keech, Jr., Edward G. Niles, L. C. Tormay, Arthur P. Shanklin, Geo. Bowen, Col. Charles B. Rogers, John Crowther, Wm. B. Sands, John Ridgely of Hampton; Henry Merryman, R. M. Isaac, Mrs. J. B. Longnecker, Mrs. Joshua Horner, Mrs. Washington Stevenson, Mrs. Dr. Stevenson, Miss Sophie Talbot, Misses Rider, Mrs. Charles Corcoran, Miss Ella Isaac, Miss Martha Stevenson, Miss Pope, Mrs. Jeff Shanklin, the Misses Rice, and Mrs. Houck.

History tells us that the average weight of fat steers at the age of five years, in the London and Liverpool markets in 1706 was 310 pounds. In 1755 it had increased to 482 pounds, and in 1830 to 650 pounds, while today the average weight is 1,250 pounds, four times what it was 184 years ago.

The Food of Generals.

The little Crown Prince, already a Lieutenant, will be a great general if his imperial parents take care to see that he gets enough corn bread. The greatest generals of the American war all ate corn bread.

For The Maryland Farmer.

MARYLAND ITEMS.

Treasurer Geo. A. Blake, of the Cecil Agricultural Society, has resigned and John M. Tucker, of Elkton, is elected to the office.

* *

Somerset County shipped 80,000 quarts of strawberries during the season. Average price per quart, about 12 cents.

* *

Salisbury has a "Real Estate Boom." It is proposed to re-survey the beautiful Wicomico River, and the \$10,000 appropriated by Congress to its improvement will be expended in New Dykes, etc.

* *

Westminster's Water Supply has been increased and a new pump, with capacity of one half a million gallons per day, has just been added.

* *

Deal's Island crab industry is in full operation. The berry crop was a success; there was a large increase of acreage planted this year. A great many new buildings are going up.

* *

Mayor Hebb, the wide awake Mayor of Cumberland, has recommended many improvements of practical value to the City. He proposes to make it indeed the Queen City. He recommends an additional and increased water supply to facilitate manufacturing industries; also further improvements in the streets and a thorough system of sewerage.

* *

Oakland demands a Telegraph office.

* *

Berlin, Worcester Co., has two private

banking institutions, both flourishing—L. L. Dirickson, Jr., was the pioneer in this line, and by strict attention to business has worked up a paying and successful enterprise.

* *

Queen Anne County Farm property has been selling freely lately. People from New York and elsewhere have been buying. This is a good indication. This County is in the great wheat belt of the Eastern Shore.

* *

Commissioner Laird recently found among the musty papers in the Land Office at Annapolis an old warrant granting a license to a Marylander to "keep an Indian and to hunt wild cattle."

* *

The "Oregon Farm" near Cockeysville, was recently sold by Mr. Charles Morton, Real Estate Agent, St. Paul St., Baltimore, to Thomas Kurtz for \$11,000.

* *

The Garrett Free Sanitarium for Children under twelve years of age was opened June 11th. It is located at Mt. Airy on the line of the B. & O. Road. Tickets of admission and for Railroad passage can be obtained at 27 N. Carey Street, Baltimore.

* *

Scarlet or Crimson Clover will be extensively grown next season through the Eastern Shore Counties.

It is estimated that about thirty thousand horses were taken off street car service last year owing to the introduction of electric traction.

A Dangerous Knee Habit.

Another case is reported in which a woman has probably lamed herself for life through that habit so generally prevalent among women, the trick of shutting bureau drawers with the knee.

It is so much easier to push a drawer to, even when it moves with difficulty, by a motion of the knee than it is to stoop, that nine women out of ten perhaps are accustomed to do it. The instances in which evil results are of course not large in number in comparison to the number of persons who do this, but they are sufficiently numerous to show the folly of running the risk of harm and to deter thoughtful persons from exposing themselves to a danger so easily avoided yet of consequences so serious in many cases.

I have berries, grapes and peaches, a year old fresh as when picked. I use California Cold Process; do not heat or seal the fruit, just put it up cold, keeps perfectly fresh, and cost almost nothing; can put up a bushel in ten minutes. Last week I sold directions to over 100 families; anyone will pay a dollar for directions, when they see the beautiful samples of fruit. As there are many people poor like myself, I consider it my duty to give my experience to such, and feel confident anyone can make one or two hundred dollars, round home in a few days. I will mail sample of fruit and complete directions, to any of your readers, for 18 two cent stamps, which is only the actual cost of the samples, postage, etc., to me. I ask nothing for the directions.

Mrs. WM. GRIFFITH, New Concord, Ohio.

Care of the Eyes.

The principal of a girl's school once said to her pupils, "You may be foolish

and ruin your teeth, and the dentist can give you a very good substitute; but remember that you can never have a new pair of eyes." This bit of advice gives force to the following rules for the care of the eyes.

Keep a shade on your lamp or gas-burner.

Avoid all sudden changes between light and darkness.

Never begin to read, write or sew for several minutes after coming from darkness to light.

Never read by twilight, moonlight, or any light so scant that it requires an effort to discriminate.

Never read or sew directly in front of the light, window or door.

It is best to let the light fall from above obliquely over the left shoulder.

Never sleep so that on first awakening the eyes shall open on the light of a window.

The moment you are instinctively prompted to rub your eyes, that moment stop using them.

If the eyelids are glued together on waking up, do not forcibly open them, but apply saliva with the finger; it is the speediest dilutant in the world; then wash your eyes and face in warm water.

A woman at Sparta, Wis., raised last year nearly 200 bushels of strawberries on an acre and a half, and 1300 bushels of blackberries on six acres. The strawberries sold for \$836.50, and the blackberries for \$3542.26, making an income of \$4378.76 from seven and one-half acres, which goes to prove the truth of the saying, "A little farm well tilled."

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
Co-operating with the MARYLAND STATE WEATHER SERVICE,
 IN CONNECTION WITH
Johns Hopkins University, and the Maryland Agricultural College.
 Central Office, John Hopkins University, Baltimore, Md.

WM. B. CLARK,
 Johns Hopkins University,
 Director.

MILTON WHITNEY,
 Maryland Agricultural College.
 Secretary and Treasurer.

C. P. CRONK,
 U. S. Weather Bureau.
 Meteorologist in Charge.

NOTE.—Reports are wanted from every farmer in Maryland. Weekly Bulletins and Monthly Reports will be sent to every correspondent. No expense to correspondents, as reports are made out on forms furnished by, and bearing the frank of, the U. S. Department of Agriculture, Weather Bureau. These forms will be forwarded to every farmer making requests for them. The reports should be mailed without stamps. Correspondents will please note at bottom of reports when more forms are required. Reports should reach the Central Office by **MONDAY** evening of each week. **C. P. CRONK.**

Weather Crop Bulletins.

WEEK ENDING JUNE 13th.

In Northern Central and Western Maryland the weather conditions have been decidedly favorable to all growing crops and to the advancement of farm work. Wheat in these sections progressing rapidly and with continued favorable conditions, will be ready to harvest by the latter part of the month. Grass has made rapid progress in Northern Central part of the State and promises an average crop. Corn very much improved, and now looks well. Strawberries plentiful. The weather has been favorable to tomato planters. Crops have slightly suffered in Eastern and Southern Md., from excessive rains; causing corn to turn yellow on low lands and wheat to rust. The tobacco crop in Southern Md., is about half planted and generally stands well. Tobacco plants scarce and backward. The wheat harvest commenced at Barron Creek Springs on Thursday, June 9th, somewhat earlier than last year. Plenty of sunshine and warm nights needed.

FOR THE WEEK ENDING MONDAY, JUNE 20.

Reports from every section of the State, show that the warm wave of the past week was, with few exceptions, of great benefit to all growing vegetation. The warm weather all over the State was attended by an abundance of sunshine, and the rainfall was about the normal, except in sections of Eastern Md., where it was considerably below. In the Central and Western part of the State, corn has made rapid advancement and is now looking well. The weather was very favorable to the hay harvest, which progressed rapidly. Wheat, now ripening very fast, will be ready to harvest by the last of the present week. Potatoes and other vegetables doing well. Oats now need rain. Buckwheat sown in Western Md. the past week. In Eastern Md., rain is badly needed, and it is thought that crops and garden vegetables have been slightly injured by the drouth and hot weather. In Southern Md. corn has made rapid growth; tobacco slightly damaged by cut worms. Continued warm weather with a normal amount of rainfall is now needed in all sections.

Vines on Walls.

The opinion is somewhat prevalent that vines on walls encourage and indeed produce dampness.

Close observance proves that walls covered with vines are drier than are those where no such covering exists.

A moment's reflection would suggest that a thicket of leaves acts as a thatch throwing off rains and keeping walls dry; they also have the further effect of preventing walls from being heated by the sun, so that in the case of dwellings where the walls are covered during summer the rooms are perceptibly cooler in consequence.

A vine which possesses an abundance of foliage in summer and becomes deciduous in winter is to be preferred and the best plant to meet these requirements is the Japan Ivy. It has exceedingly delicate foliage when young though the leaves become larger and are supported upon longer foot-stalks with age; but at all times it clings tenaciously to walls, its tendrils ending in bulbous-looking points which adhere to objects as if glued or gummed. Its foliage does not present the autumn brilliancy of the native species although it occasionally becomes well colored.

Baltimore and Eastern Shore R. R.

The First Annual Report of Capt. Willard Thompson, Receiver B. & E. S. R. R., to the United States Circuit Court, covers a period of eight months and ten days to December 31, 1891.

It shows the total number of passengers carried 134,140; tonnage of freight transported 39,567.

The Railroad proper realised a revenue

of \$74,288.23 against expenses of \$56,488.47. From the Ferry Service between Bay Ridge and the Shore a revenue of \$6,769.75 expenses \$14,257.83.

From the Ferry to Baltimore a revenue of \$9,725.19 with expenses of \$8,251.16.

This is a remarkably good showing, and indicates good business management on the part of the Receiver.

This Summer's business will bring in still greater revenues, as the indications point to a large travel to Ocean City during the season.

This Road goes through valuable territory and opens up to direct communication with Baltimore large tracts of good farm property which heretofore had very remote facilities for shipping its produce with profit. New stations are springing up along the line of the Road; factories, mills and storehouses are now to be seen on all sides; fresh life has been instilled into the communities through which the Road traverses; and with a continuation of the present management of the Road it will in a very short time be on a solid basis and a paying one.

Palo Alto.

Humphreys' Veterinary Specifics are now used on the stock farm of Gov. Stanford, the home of Sunol, Arion, Palo Alto, etc. This completes the list of prominent stock owners who have adopted the use of Humphreys' Veterinary Specifics.

Miss Mary L. Wilson, daughter of ex-Judge G. W. Wilson, of Upper Marlboro', Md., graduated with high honors at Richmond Female Institute, Va.

MARYLAND FARMER,

H. R. WALWORTH, Editor.

A. C. KENLY, Business Manager.

The MARYLAND FARMER is published Monthly at 871 N. Howard St., Baltimore, Md., at the subscription price of \$1.00 a year in advance. New subscriptions can commence at any time during the year.

Payment for the Maryland Farmer when sent by mail should be made in a Post Office Money Order, Postal Note or Express Money Order. When neither of these can be procured, send the money in a registered letter. All postmasters are required to register letters when requested to do so.

Always give the name of the post office to which your Magazine is sent.

CONTRIBUTIONS:—All are cordially invited to express their opinions on any subject, give helpful talks to the inexperienced, and ask questions in any department.

All letters should be addressed,

FARMER PUBLISHING CO.,

871 N. HOWARD ST., BALTIMORE, MD.

Correspondents are specially requested to write their communications on separate slips of paper and only on one side, signing name and address.

Advertising rates sent on application.

Entered as second class matter at Post Office, Baltimore, Md.

Our efforts to make the MARYLAND FARMER an invaluable addition to the Farmer's household have been appreciated to an extent more than satisfactory to the Publishers of the Journal.

The June number was the first publication under the change of ownership, and during the month many tangible evidences of the appreciation of the change were manifested from all parts of the State.

The need of a first class Agricultural Journal was made plainly apparent and the readiness and willingness on the part of the farming community to support such a paper was manifested by the number of wholesome letters received from Agriculturists throughout the State.

Such was the demand for our June edition that although we published a largely increased number over that of our regular edition, this soon fell short of the enquiries for sample

copies and those required to be sent to new paid Subscribers. We print an extraordinarily large edition for this month and propose to distribute them generously, and we hope our friends will aid us in the endeavor. We want every Farmer to have a copy of the paper; we want him to subscribe for it and read it; we will make it attractive, interesting and instructive.

We will send sample copies to any one requesting us to do so. We will also be glad for any items for publication of interest to Farmers.

FOR GOOD HOMES IN MARYLAND.

We are reading and hearing constantly of the rush of immigrants to our newly opened western lands. We are also hearing of the hundreds who have returned disappointed, dis-

couraged, worn out, almost sick of life. We are likewise overwhelmed with the accounts of the fearful storms and cyclones which seem to belong especially to that region; and recently with the great floods which are sweeping away the property of the unfortunate residents and placing human lives everywhere in jeopardy.

All these things, to say nothing of the ordinary lack of all civilized comforts and privileges, are against any desire which the thoughtful farmer may have to make a home for himself and family in that part of our country. And we can see no reason for such a desire, while good homes in such a State as Maryland may be had so readily.

Considering our State, from the Atlantic seaboard to the Alleghany mountains, we can offer every variety of soil and climate from which to choose, and in quantity, quality and price to meet any reasonable desire. It has been remarkably free from all the great disturbances of cyclones and floods during its entire history. Something connected with its peculiar location is the only reason we can assign for this exemption. But such is the fact. To one who has any appreciation for the blessings of kind neighbors, of friendly associations, schools and social enjoyments, we would not place one section above another in our State; for wherever located, these will be found in rich abundance, and the incomer is welcomed most cordially to the full participation of these advantages.

In renewing subscriptions to our

journal, several have requested us to give a general idea of Maryland lands and crops; as one writes. "More about your State will interest us Northerners." Let us then take a brief look over the State, for the benefit of those who may some day wish a home in as pleasant a region as can anywhere be found in our country.

WESTERN SECTION.

Commencing with the Western Counties, we have some of the very finest Mountain Country on the continent, with all the romantic elements belonging to such a region. But that is not all; we have there, also, the rich and teeming valleys, in which every variety of successful home life may be found. Mines are there, manufactures are there, and agricultural homes with everything to make them successful and happy homes. Such towns as Frederick and Hagerstown are only centres of enlightened, industrious and prosperous regions all through that section of the State. It is fast becoming the region of fruit, even as it has already shown its eminence in heavy cereal crops. High rolling land and the most enchanting picturesque valleys make of this part of the State a vision for homes, equalled only by the pictures of fairy land that came to us in our youthful days of hope and promise.

MIDDLE NORTHERN COUNTIES

Leaving the Western Section of the State, and coming towards the east we enter a region of country still of a high rolling character, but in no sense mountainous. The hills can be

cultivated to the top and the intervalles are gradually sloping into valleys. The soil is of a strong character and grain crops are sure. Corn and potatoes are generally successful; while every stream is the home of some manufacture, the nucleus of some village, and the centre of visible progress.

THE EASTERN SHORE.

Passing still further east, we reach that portion of the State known as the Eastern Shore, meaning those counties lying east of the Chesapeake Bay and the Susquehanna River.

The upper part of this country is generally tributary to New York and Philadelphia, where it finds market for the great crops of fruit which it annually produces. The southern part of it however, while sending vast quantities to New York and Philadelphia divides its produce also with the great markets of Baltimore and Washington.

The peaches of this peninsula are world famous and the sweet potatoes of the southern counties are known for their rich delicate flavor wherever used.

All this region is remarkably adapted to the trucking industry, and the section immediately surrounding the growing summer resorts—Ocean City, Sinepuxent Beach, etc., is destined to become a mine of wealth to faithful workers.

Here homes by the seaside, homes by the river and the bay, with all the luxuries which these words can convey to the minds of the thoughtful, are always ready for you.

THE SOUTHERN COUNTIES.

Following down the peninsula and crossing the bay we enter upon the Southern Counties of the State in which Washington is situated and reaching well up towards Baltimore. No better region for truck farming can be found on this continent. Early enough to get high prices in Philadelphia, New York and Boston, and reaping the very best of the markets nearer home, it is a land capable of unlimited improvement and sure recompense to the cultivator. Here also are all the luxuries of both the water and the land—and resting under ones own "vine and fig tree" may become here a blessed reality.

OTHER ITEMS.

The laws of Maryland have always been noted as of a liberal and progressive character. She was the first to give religious freedom to the people, even when famous New England was still in its struggles with "blue laws" and witchcraft superstition. She has never gone back of this early liberality; but has still kept pace in advance of all in the wisdom of her laws and the generous liberty afforded to the individual.

From every part of the State, the very best means of transportation is afforded. The service is rapid and remarkably cheap. Markets are reached in every direction from Boston to Chicago, with great facility. There is sufficient competition between Steamboats and Railroads to insure the lowest rates, and in this

respect no region can compare with the State of Maryland.

Then let us remember that the price of lands and improvements in Maryland is exceedingly low: Often so low that those who are told the price, think the land must be worthless. But it is not so. Good land, upon which the best of Garden soil may be easily cultivated, which has borne crops in the past equal to those of any land, are to be had for a trifle, and on terms which will satisfy the most exacting. Large tracts or small tracts for cash, or largely for credit, may readily be secured. In these days of rapid progress one can hardly afford to forget that the enjoyment of life in a well settled improved country is worth more than the difference of price between this region and the wilderness of the West.

We wish most heartily that we could set forth in detail the great advantages for immigrants at which we have only hinted in this article. We wish we could reach the thousands of disappointed farmers, who have visited the inhospitable West, and let them see the pleasant homes they could build up in our fertile valleys or beside our rivers and bays teeming with delicious fish, oysters, crabs, terrapin. We wish we could show them the hosts of comforts with which they would be surrounded here, while a more healthy region no one can discover.

When will the officers of our State gather these facts in popular form, and spread them broadcast among the people? Is it too much to hope that

the day for this work will not be long delayed?

JOHN GREEN.

With this number our correspondent, Mr. John Green, concluded his narrative, which has attracted much attention under the title of "Our New Farm." We are pleased to know that prominent papers in different parts of our country have quoted liberally from its chapters, and commended it in very flattering terms. Many of our readers also have expressed themselves by word and letters to the same effect.

We would inform our readers that although "Our New Farm" narrative is ended, we have made other arrangements with its author and they will not be deprived of the pleasure of his monthly articles on subjects of interest and profit.

JERSEYS.

From our esteemed correspondent, B. S. Randolph, of Frostburg, Md., we have received a page from The Jersey Bulletin of June 1, to show that the prices paid for the "Oler" herd of Jerseys published in our last were not a fair valuation of that breed. We of course only used the facts as they came to us. In this page are sales ranging from \$65. to \$375, for single animals, and one 12 years old bull brought \$510. Thus the Jerseys are still in large demand, having many faithful friends, who place their trust in them by their liberal contributions in dollars.

THE GREAT BENEFIT OF GOOD ROADS.

In almost every department of advanced agriculture the American farmer is far in the lead, but though well informed about the advantages of good highways and country roads, he for some occult reason fails to see that whatever makes communication easy and inexpensive adds much to the wealth of all engaged in tilling the soil.

Immigrants who settle in portions of the country where roads receive little or no attention soon become restive and frequently move. In their native countries though these immigrants received little pay for rations and worked like beasts of burden, they had the best of roads, for their masters the Capitalists fully appreciate good means of easy communication, and the roads in many parts of Europe are far better than even the best streets of many American Cities.

To have first class roads it is necessary to give the subject of road making the same attention and study other important matters receive. There are good books on the subject but students of this branch of industry must not suppose that all sorts require similar treatment.

The first requisite is perfect drainage. The road should be of good width, say 40 feet wide for a country road with wide and deep ditches on both sides. If the land is low the centre of the road bed should be under drained, and under drains should also be beneath each ditch.

The water should have a free escape from the ditches.

The centre of the road should be raised and gradually slope to the ditches. The surface matter of the road bed should be such as will not wash off easily during heavy rains, clay and sand mixed well, make a good road bed in some sections, and oyster shells and sand in others, where rock is plentiful and labor cheap of course that makes the best of all road beds.

Maryland certainly has not a public road system of which her citizens can be proud. Unfortunately, indeed, the roads in many of the counties are such as to make us heartily ashamed. That this is so, is neither agreeable to read nor to contemplate, but it is simply a plain statement of fact to which none can enter a denial. Even under a bad system, however, the amount of money annually expended on them is enough to secure better results if it were more carefully and judiciously applied. But where there is one good and competent road supervisor there are several incompetent ones, showing conclusively, that one of the chief needs in getting on a proper basis, is more uniformity and less individuality. There is little doubt that a reform in road building will come, and in the not far distant future. Just how it will come about and what new system will be devised is not yet apparent. Time and agitation will bring these things.

Meanwhile, it is not our purpose to make suggestions here as to the manner in which this work should be

done, but merely to attract public attention to the matter and keep it prominent in the public eye, as one of the most crying needs of our State and with the hope of paving the way for better results. Concert of action, money and a thorough knowledge of the means to the desired end, are the three primary requisites to success. The most approved basis would seem to be at first sight, a system of central supervision or control, vested primarily, of course, in the State, with subordinate officers in every county.

The two best known and most serviceable and durable roads, are probably the Macadam and the Telford.

The Telford road consists of a course of broken stone set on edge to the depth of six or eight inches. Upon this foundation pike stone are spread and the surface of the road is made of fine pike stones or gravel. The whole is to be well rolled. The total depth of the road-bed should be about twelve inches.

The Macadam road has no edged stone foundation. It should consist of a deep bed of coarse pike stones, covered with finely broken stones or gravel and should be well rolled.

There are many places in Maryland where there is an abundance of stone and rock readily available for either of these roads and while of course, more expensive, the superior results reached amply justify this additional cost.

Oyster shells are also valuable for building roadbeds, if properly applied. Too frequently, they are thrown away

from a want of knowledge as to the proper manner of using them, or carelessness. They are cheap, easily handled and can be readily obtained where the roads are convenient to rail or water facilities.

The most novel way to place and keep the public roads in condition, was recently suggested by Mr. B. Howard Haman, a well known member of the Baltimore bar, at a meeting of the Deer Creek Farmers' Club, of Harford county. His proposition is that the 400,000 acres of barren bottom in the Chesapeake Bay, all of which is adapted to oyster growing, be leased in 100-acre tracts, at a rental of \$1 per acre, thus yielding an annual income to the State of \$400,000, which could be applied to building a system of magnificent roads throughout the State. The subject is certainly worthy of most careful attention. It presents this great question in an altogether new light and one that may lead to most important results. We shall be glad at all times to have the views of the public on the subject of road-making.

MISS MORGAN and LIVE STOCK.

Miss Maria Morgan, the Live Stock reporter for the New York Times, is dead. She pursued this work for 20 years or more, and was respected by Cattlemen and all who came in contact with her.

To her agency may be traced many improvements in the transportation and handling of cattle, and her work

will live after her as the record of many good deeds in favor of kindly treatment of live stock.

By sheer merit and perseverance she won her place and kept it till her death. Cattlemen, butchers, dealers, all have a kind word to crown her memory.

It was a strange position to be filled by a woman and therefore we feel impelled to make this record.

N. H. AGRICULTURAL COLLEGE.

On June 17th the Corner Stone of the new Agricultural College building for New Hampshire, was duly laid at Durham.

For years there has been a struggle to separate the Agricultural College from the overshadowing influence of Dartmouth College, which has finally been achieved by the unwearied and persistent labors of the farmers of New Hampshire, aided by the granges, clubs and farmer organizations generally of that State.

THE BALTIMORE Co. FAIR.

We are pleased to learn that liquor license and all privileges for games of chance will be excluded from the Fair grounds the coming year. The Maryland Farmer, as a matter of principle, has advocated this. This exclusion of games of chance will lessen the income \$3000, it is said. But we urge upon the citizens of Baltimore, and our farmer friends, to more than make up this deficiency by

extra attendance of themselves and their friends. It will require only a few thousand extra attendance during the fair to make up this amount. The Fair will be enough better and cleaner and happier as an occasion of meeting to warrant this increased attendance.

Many say, these things will be there just outside of the grounds. We urge that measures may be taken to arrest and punish any violators of the law in this respect; and that it be done at the first violation—not to wait until the close of the fair before taking them.

THE WOMAN'S COLLEGE OF BALTIMORE.

We were present at the Commencement exercises of this Institution, which were happily consummated on Thursday, June 9, by an address from Pres. Goucher, abundance of lively music, an address from Bishop Fowler, and the conferring of the degree of Bachelor of Arts upon five young lady graduates.

The President's address was merely a statement of the past and present of the College, the great opportunities before it and the improvements and additions wanted to render it capable of meeting its great opportunities. It needs three millions of dollars to perfect its buildings and grounds, and fit it to care for the health, happiness and intellectual progress of hundreds of students. He had already a donation of \$200,000 to be expended with this view. This announcement was

received with enthusiastic clapping of hands.

Bishop Fowler's address was decidedly happy in its general statements and also in every particular of illustration, calling forth frequent and emphatic applause from the crowded audience. He commenced by asserting that this institution had a right to be heard, that although of recent origin it was in reality the outcome of the growth of centuries. The nature of woman's treatment he said was the measure of civilization. He then passed to a consideration of the material in the Woman's College at present, and pledged them to possess three great elements that insure the best success in life's career, viz: Acquired courage, persistence, and noble self sacrifice. These are the natural characteristics of an instructed and elevated womanhood.

These addresses interspersed with the orchestral band music, with its operatic overtures, waltzes and marches made us forgetful that we were within the walls of the First M. E. Church in Baltimore and reminded us of similar events in the college halls of Columbia in other days.

The Woman's College is indeed one of the very great institutions of our country, and will make its mark. It will be an honor to these lady bachelors in years to come to know and be known as the First Graduates. Their names we here record:

Harriet S. Ellis, Anna L. Cole,
Stella McCarty, Anna Heubeck,
Katherine H. Hilliard.

ROCK HILL COLLEGE.

With much pleasure we notice the Commencement Exercises of this first class institution located at Ellicott City, Md. Everything passed off with the greatest enjoyment on the part of the Officers and Students, and to the pleasure and entertainment of the crowded audience of visitors and friends. The awards were received from the hands of the Rt. Rev. Mgr. Edward McColgan, who presided; and Brother Denis, the President of the College, seemed greatly pleased with the proficiency of his pupils.

The subjects treated were Isabella of Castile by Guy W. Steele, Cardinal Manning by Richard R. Davis, Four Centuries of Progress by Elmer M. Harn, and Christopher Columbus (valedictory) by Wm. E. Talbott. The address by Wm. P. Ryan, A. M., of the class of '75 was excellent.

EDITORIAL ITEMS

BEES AND CHERRIES.

Experiments in California have shown that cherry orchards in which bees are kept bear better fruit and much more abundantly than where no bees are kept. In some cases the bees have given a full crop to an orchard, when all other orchards for miles around were practically a failure.

COW PEAS.

Every year we hear more and more of the value of cow peas for improving poor, run down land. Much of the worn out land in this and other States is naturally of a very kind forward or early charac-

ter, and only needs a good supply of what cow peas and clover can give to make it abundantly productive.

BUTTER EXTRACTOR.

We think there is a great promise for the butter extractor. To be sure long years have educated our taste in favor of sour cream butter; but it is after all only a depraved taste. Sweet cream butter is destined surely to triumph and the extractor will then be the great butter producer of the world.

STRAWBERRIES.

This number is issued in the very height of strawberry production. If you would prepare for a new plantation—and some should be planted anew every fall—train the runners of those you would use and peg them down at the first plant; as soon as the plant is rooted cut off the outside portion of the runner. This gives the very best condition for extra good plants for early fall use, and insures the best fruit in the future.

CHICKENS.

If you wish to add to your stock of chickens, you can best do it by carefully selecting young stock now. Later you may be imposed upon; but now you can get stock which if properly tended will give you eggs all winter, when eggs are an expensive luxury in city markets. Of large breeds, you want March chicks; of medium sized, chicks hatched in April or first of May. Examine them to see that they are clean.

MARKET LESSONS.

The past season of the retail market in our cities is this: Early vegetables and fruits bring high prices. Everything green is in great demand: Asparagus,

Rhubarb, Lettuce, Spinach, Radishes Peas, in fact everything which can herald the coming of spring and summer diet—command royal prices. Should you not reap the benefit?

SMALL FRUIT DRAWBACKS.

One of the greatest obstacles to growing small fruits is the growth of weeds. It requires attention and work. Then come insect enemies—grubs and worms. Then help for harvesting, proper marketing, quick sales. All these are necessities. Add here the troubles with careless, incompetent, or dishonest middlemen. And small fruits, notwithstanding all drawbacks, are highly profitable.

OWN YOUR HOME.

The facilities for purchasing small farms are excellent and anyone who is passably skilled in cultivating a farm can make arrangements to pay for his home as his income may warrant. He will need only to keep a correct account of his net income and pay in just proportion on his purchase.

SPRAYING.

One of the most important occupations of the present is that of spraying to destroy insects and fungi. To this end several mixtures are used. Paris green and London purple are two of the most prominent and contain over fifty per cent of Arsenic not soluble in water—One pound to 200 or 300 gallons of water is the proportion. The Bordeaux mixture is six pounds of Copper sulphate and eight pounds of slaked quick lime in a barrel of water. The pyrethrum powder is a preparation as fatal to insects as arsenic, but harmless to animal life.

PEARS.

It has frequently been demonstrated

that an acre of dwarf Bartlett pear trees will give the owner annually at least five hundred dollars. They will begin to bear in about three years after setting out. They can be set ten feet apart and an acre will contain 430 trees. A good fertilizer is ashes. Any hoed crop may occupy the ground during growth if necessary; but better otherwise. Make arrangements to set out some this fall.

BURDOCKS.

Take a sharp trowel, cut far enough below the surface of the ground to bring up a piece of the solid root, and that is the end of Mr. Burdock. When so easily killed, why not get rid of the pest?

New Strawberry.

"B. C. Warfield, our fruiterer, has succeeded in raising another seedling strawberry. He calls it Warfield No. 4. It is superior, we think, to either his No. 1. or No. 2.

The berry is large and presents a beautiful appearance; it has an excellent flavor and is a good eater. The berry is quite hard and will stand shipping well; it will stand shipping as well as Warfield No 2. or the old Wilson berry. Besides all these excellent qualities, it has another which is not a small or insignificant quality. It is earlier than any other berry in this climate.

Mr. Warfield showed us two quarts of Warfield No. 4, which were just beauties and were the largest throughout of any that we ever saw. The quarts would have made the mouths of Chicago water and call for more.

Mr. Warfield has been exceedingly fortunate. He has apparently made no ex

traordinary effort to secure these seedlings, but they have come to him without solicitation and he has put them on the market and given the world the benefit of his luck. We are glad to have such a man in our community. It is a boom to Sandoval."

Mr. Warfield, the originator and introducer of the widely known and celebrated Warfield Nos. 1 and 2 strawberry, has succeeded in raising another seedling which he calls No. 4, a notice of which appears in the above taken from the *Sandoval Times* June 4.

Mr. Warfield is a native of Maryland, born in Howard Co., and belongs to the old Warfield Family of that county. His mother was the daughter of Col. Gassaway Watkins, Captain in the old Maryland Line, and President of the Cincinnati Society of Md. at the time of his death.

Mr. Warfield went west when a young man and located in Illinois. He is one of the foremost Fruiterers of that State.

B. & O. R. R.

The Baltimore & Ohio R. R. Co's exhibit at the World's Fair will be, in its historical feature, the grandest feat ever accomplished in modern times, and will cover a period dating back to the earliest days of railroading, with all the primitive devices, and gradually extending step by step to the present time, with the luxuriant equipments of its celebrated Royal Blue Line trains.

This Company, with its usual and characteristic energy, are making great preparations for the expeditions handling of the tremendous passenger traffic which

is bound to seek that delightful and picturesque route.

Within the last few months this Road has added 40 new Locomotives for use on its lines, all built after the most modern type, and have otherwise increased its rolling stock, with an expenditure also of a large amount on terminal facilities and for additional tracks and sidings. Four new locomotives weighing 113,000 lbs. with driving wheels 6½ feet in diameter and cylinders 19 x 24 inches, built by the Baldwins, have been placed on the Chicago division.

The Royal Blue Line trains running between New York, Washington, Philadelphia, and Baltimore, have been celebrated as models of perfect Railroad travelling and in point of luxurious furnishing are not excelled in the world.

How a Boy Made Money

I noticed what Mr. Wilson's son said about making money selling a corn husker, I would like to tell him how I made money with a plating machine. H. F. Delno & Co., Columbus, Ohio, sent me a fine machine for plating gold, silver, nickel, for \$5, all ready to commence work. I made 3.10 the first day plating table-ware and jewelry, \$23 the first week. Anybody can make money in the plating business, because at every house they have some things to plate, and everybody is willing to help a boy along. You can plate right before the folks, and they like to see it too. I sold three platers to three friends of mine at a profit of \$5 apiece, that was \$15. I would advise any boy who wants to get along in the world to commence with the plating business. He can make money and help his folks at home along a little too.

ED. BUTLER.

Indigestion! Miserable! Take Beecham's Pills

Raspberry Culture.

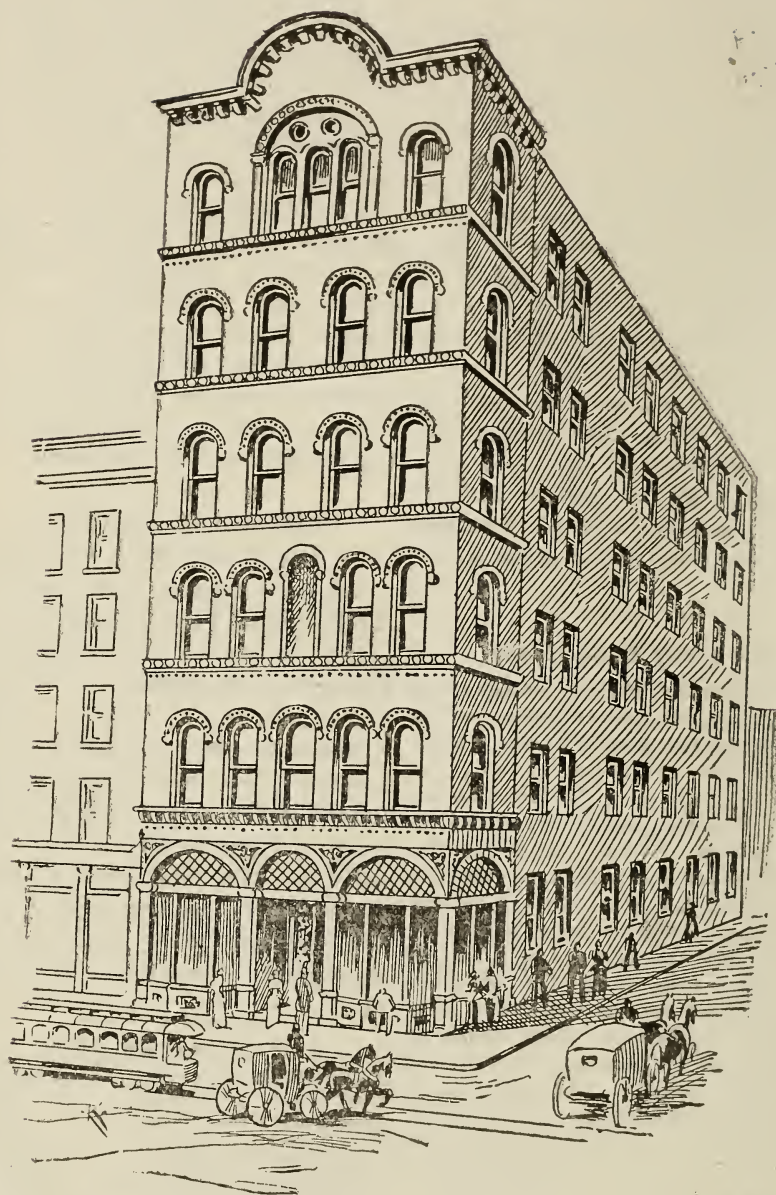
If the young raspberry canes are nipped as soon as they are two and a half feet high they begin to spread and grow stocky. Perhaps it is best to nip the bud out at two feet high for they will run up some after they are nipped. By so doing and checking the top the roots become larger and stronger and the top branches out more. Then as soon as the fruiting canes are done with their burden, cut them all out. This cutting out of the old canes throws all the strength and vigor of the roots into the young canes so that by winter they are strong and quite stocky, more able to withstand the winds and less liable to be blown down.

SUGGESTED REMOVAL Md AGRICULTURAL COLLEGE.

We have noticed several articles in the Baltimore Sun in reference to the removal of the Maryland Agricultural College to Annapolis, based on an interview with Gov. Brown. This is a matter of great importance to the farmers of our State, and the MARYLAND FARMER is receiving from many interested parties their views on this subject. We shall give it suitable consideration in our next number. We propose to treat it from the standpoint of experience and principle.

FAIR DATES, 1892.

Baltimore Co., Timonium,	Aug. 30—Sep. 2
Cecil Co., Elkton,	Sep. 6—9
Montgomery Co., Rockville,	Sep. 7—9
Talbot Co., Easton,	Sep. 13—16
Frederick Co., Frederick,	Oct. 11—14
Washington Co., Hagerstown,	Oct. 11—14
Harford Co., Bel Air,	Oct. 11—14
Niagara Co., Agricultural Society	
Lockport, N. Y.,	Sep. 15—18
Hillsdale, Michigan,	Oct. 3—7



THE NEW SUTRO BUILDING.

THE SUTRO BUILDING.

On Wednesday, June 1st, Baltimore added another star of the first magnitude to her rapidly increasing constellation of that dimension.

But few of our readers walking down Baltimore Street, would now recognize the old Washington Building, so long occupied by the clothing house of Noah Walker & Co. "Our George," himself, who in the nich above the entrance stood for so many years, extending the right hand of comradeship, we suppose, to every poor struggler for freedom, is gone, so are the rows of marked down languid linen dusters and unfilled pants.

The very windows in which they hung have been taken out; replaced by large bow frames painted snowily white with shining bands of gold, and through their plated glass one sees and admires instruments of brass, of rosewood and of bone. Inside one can hear the clear cut music of the piano, the rolling melody of the organ, the friendly bom-de-ra of the trombone, or the liquid whistling of the flute.

Such is the old Washington Building, now the new Sutro Building, the largest musical repository in the South, if not in the country, and but few larger in the world.

In it, one can buy all manner of things musical, from the simplest song to the rarest instrument. The building stands six stories and basement. The second floor being a concert room. Capacity five hundred seats, with a stage capable of holding 100 singers. Part of the sixth floor is partitioned into small rooms for teachers' use and studios.

The achievements of Mr. Sutro, the

owner of the building, can serve as a stimulant to every person of ambition and determination. In the beginning, he started with nothing but honesty, industry and ability as his capital, reaching in the meridian of his life the eminence he now occupies. As the promoter and sustainer of the Oratorio Society, Baltimore owes him a debt of gratitude it can only repay by placing his name in the list of her distinguished citizens.

OUR ADVERTISERS.

We would call especial attention to our advertising pages. Our readers will find there much to interest them, and many houses of long standing and great probity have been added to the list during the past two months. When you need anything in your houses or on your farms, you cannot do better than look among our advertisers. Those patronizing our advertising columns are among the most enterprising firms and will supply your wants as cheaply as any houses in our city, and as promptly.

David Jones was the first settler of Baltimore, in 1682, and his name is borne by a small stream that runs through the city. In 1730 a town was laid out on the west side of this stream, called Baltimore, in honor of Cecil, Lord Baltimore. A town called Jonestown was laid out on the east side in 1732, and this was united with Baltimore in 1745.

MARYLAND ITEMS.

It is rumored that Hon. Barnes Compton will succeed Maj. Alvord as President of the Maryland Agricultural College.

* *

Judge Chas. E. Goldsborough of the first Judicial Circuit of Maryland died in Cambridge, Thursday night, June 23. He was 62 years of age.

* *

Large quantities of hard and soft shell crabs are being shipped north from Stockton, Worcester Co; good prices are obtained.

For The Maryland Farmer.

CAPONIZING FOWLS.

Practical Directions When and How to do it.

I am receiving so many inquiries how to caponize fowls that I think that these few directions will be of interest to your readers:

To have good capons and have them pay, you must first have strong healthy birds of some Asiatic breed.

Caponis are ready for market when they are ten months old, and are ready to caponize when they weigh one and a half pounds, no matter what the age, and can be caponized up to six months old.

Just before caponizing, shut the chicks up thirty six hours without food or water.

When ready place the bird on his side on a table, drawing his legs well back and holding the wings firmly.

Some have a person hold the bird, but I prefer a table which I have made for this purpose. Pick the feathers over the two last ribs, just in front of the thigh.

With the left hand draw the skin backward and with the lance make a cut an inch long between the last two ribs, cutting through the ribs.

Do not let the lance go deep enough to injure the intestines.

Now insert the small hooks on the end of the spring between the ribs, guaging them to spring the cut open far enough.

Take the hook and tear the tissue that covers the testicle until it can be plainly seen.

Insert the tube with horse hair looping the hair over both ends of the testicle; draw up firmly on the hair keeping the tube down close on the testical. Twist the tube one way and the other at the same time pulling on the hair until the testical is drawn out.

Perform the same operation on the other side of the fowl and then let the bird go, giving him all the food and water wanted.

The cut does not need sewing up as the skin covers it.

Should they puff with wind pick the outer skin and let it out.

In performing the operation it is very necessary that proper tools are used. I caponized hundreds of chicks before I gained a set of tools that were just suited for the purpose, and now I seldom lose a cockerel.

Great care must be exercised in removing the testicle from the artery lying back of and attached to it. This is just when the tube and horse hair work to such good advantage.

I shall send printed questions and answers about Capons to any of your readers who may wish them.

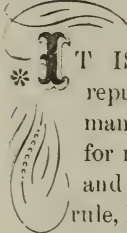
GEO. Q. DOW.

North Epping, N. H.

For the Maryland Farmer.

SOME ORIENTAL PRINCES OF NOTE.

BY FANNIE ROPER FEUDGE.



IT IS OFTEN SAID that we republican Americans have a mania for titles, and especially for royalty. As I think our boys and girls are no exception to this rule, I am going to introduce them to several real, live Princes that I met in my travels abroad.

One of these was Prah Nai Wai, who, for five years, so worthily filled the position of Regent in Siam, during the minority of the present monarch. At the death of the late Supreme King, his eldest son, the legal heir, was only fifteen years of age; and as by Siamese law, a Regency was required all eyes were turned toward Prah Nai Wai. Without a dissenting vote, he was elected by the Supreme Council, to fill this responsible office, and entered with calm dignity upon the momentous duties it involved. His call to such a post was the more remarkable, that he was not a relative of the royal family, though of noble lineage. The exalted position accorded him was but a fitting tribute to the commanding talents and sterling integrity that none ever questioned.

He belongs to a talented family—his late father, Pra Ong Yai, having been Minister of Foreign Affairs in the long reign of the usurper, King Pra Nang Klau; and two of his brothers successively filling the same office, during the two following reigns.

When called to the Regency, Prah Nai Wai was past sixty; but the fire of his eye was yet undimmed, and his physical and mental energies still unimpaired. A sedate, dignified, courteous gentleman, of manly form and noble countenance, he walked erect, with the firm step, of one born to rule. He looked just what he was, one of nature's grandest, noblemen; and though called thus unexpectedly, to the kingly office—for the rank and prerogatives of a Regent, are for the time, precisely those of the king he personates—Prah Nai Wai lacked none of the requirements of his high position; and his rule was to the end, judicious and popular. There is a portion of this nobleman's life that was very intimately associated with that of Prince P. Momfanoi, one of the most remarkable men the nineteenth century has produced. A sketch of the eventful life of this interesting Prince, and its strange vicissitudes, will appear in the next number of this magazine. He is only mentioned here, as associated with Prah Nai Wai, when the future Regent was about forty years of age. Up to that time, he had filled only a subordinate position, as Military Commandant under Prince P. Momfanoi, who was then "Heir apparent to the Golden Throne," and "Commander-in-Chief of the Army and Navy of Siam."

When His Royal Highness first conceived the design of substituting square

rigged vessels for the unseaworthy native junks, that had hitherto been the only shipping of the country, he took into his confidence his talented officer, Prah Nai Wai; who greatly aided his royal patron in the execution of his plans.

When the first vessel, the "Royal Adelaide," a barque of about three hundred and fifty tons, was completed, Prah Nai Wai ventured a suggestion, that the next one should be of larger size. The Prince, who was one of those clear headed, far seeing people that seem never to make a mistake, but to jump intuitively at right conclusions, said quietly:

"The Adelaide is large enough to be serviceable, and we are not working now for display."

Then with no further comment, he went on to build another vessel of about the same tonnage which being finished and launched, proved even a greater success than the first.

Meanwhile, Prah Nai Wai had asked leave to try his hand at shipbuilding, and rather hesitatingly inquired of the Prince whether he would deem it an act of personal discourtesy for one lower of rank than himself to attempt to surpass him in his art.

"Assuredly not;" was the characteristic reply of the noble Prince. "Do you think I love fame better than I esteem the interests of my country? or that to indulge a weak vanity, I would hinder the prosperity of my people? Go ahead, and do your very best at shipbuilding. Outstrip me just as far as you can, the farther the better, and I will be the first to rejoice in your success; to recognize and reward it."

So the young noble went to work in good earnest—profiting largely, no doubt

by the example and instructions of his royal Patron. Every facility was liberally provided by the generous Prince; and in six months, a superb teak built ship of two thousand tons was launched from the royal docks. She was a very marvel of skilful workmanship, graceful as a swan, and perfect in all her appointments. Amid the booming of cannon, and the sound of many trumpets, that failed to express a tithe of his joy, the elated builder christened her, "The Victory." The Prince went with his friend, all over the new vessel, praised the noble's skill and enterprise, extolled the beautiful craft, and said good humoredly, "Why, she could carry both mine as ballast." But he smiled quietly, when invited by the happy builder, to accompany him, on the Victory's trial trip. Arm in arm the friends paced the deck of the mammoth vessel, that gracefully as "a thing of life," glided down the broad, deep river—its master the very happiest man in all that kingdom of ten millions of people.

Though Royal etiquette in Siam does not permit any one of lower rank than himself to walk by the side of the Heir Apparent; this rule, by order of the Prince himself, was always set aside on ship board; where the commander is absolute king, and all visitors of whatever rank, entitled only to the courtesies due to them as guests.

Very pleasantly passed the hours, the friends watching the progress of the beautiful craft, as she sped on through the smooth waters; and Prah Nai Wai was almost wondering whether his royal Patron could quite forgive this triumph of skill in his subordinate.

But "alas, for the vanity of human

expectations!" When the "Victory" reached the sandbar at the mouth of the Meinam river, there came a sudden shock followed by a tremulous quiver, and then the great ship stuck fast! "High and dry" she lay on the sandy shoal, from which she could neither be coaxed nor driven. Ballast was thrown over, tugs and floats brought to bear, but strength and skill were equally in vain—there was nothing to be hoped for, until full moon, when the tide would float her off.

So the royal visitor and his crest fallen host returned to the city, in boats; the noble chagrined beyond measure, at the *contre temps* his own want of forethought had provoked.

But the Prince said kindly:

"You see now, my friend, why medium sized vessels suit our port best. But never mind, you have achieved a triumph after all. 'The Victory' is an honor to our fleet, and she will do good service outside the Bar, loading and unloading by lighters. And you have learned a lesson of profit—one that came to me in my youth, at far greater cost. I will tell you of it some day—perhaps."

But I think he never did; it was too great a grief, for even this strong, self-controlled man, who kept it locked in his own heart; but I heard it elsewhere, and will tell it, with the rest of his life-story, in another number.

The lesson was, that "the grandest victory may be born of defeat; and the noblest purposes be attained by the giving of one's self for his country." Even these few words were spoken with an effort, as the Prince turned away, with a saddened countenance. But in a moment, he was himself again; and Prah Nai

Wai never forgot the lesson inculcated by this little incident.

The grand successes of his after life may have been the fruit of that early disappointment. I knew the man well; and I can readily understand how keenly one of his proud, sensitive nature would feel such a mistake; and equally, how sure he would be to profit by the disaster.

His record as Regent assuredly proves that no man could have governed with more exemplary wisdom or discretion—not even one "born to the purple." Since Nov. 1873, when the young king, aided by his cousin, the "Second King," assumed full sway as "Sovereign of the Realm," this tried friend, so highly esteemed by both the youthful monarchs has been retained in a prominent position near the throne, his steady and experienced hand, in effect skilfully steering the Ship of State past many shoals, though the guidance of the wise helmsman is seen less conspicuously than in the days of the Regency.

Prah Nai Wai, has rounded out his four score years; yet despite his active life, and the pressure of state cares, his tall, stately figure is still erect, his step firm, and the dignified, courtly manner gives no sign of weakness or decay.

Don't Magnify Troubles.

Robert Southey, the poet, once wrote to a friend: "I have told you of the Spaniard who always puts on his spectacles when he was about to eat cherries that they might look bigger and more tempting. In like manner I made the most of my enjoyments, and though I do not

cast my cares away, I pack them in as little compass as I can for myself, and never let them annoy others."

There are people who seem to follow exactly the opposite plan—put on their spectacles when they look at their troubles to make the troubles look bigger and pack their enjoyments away in as small a compass as possible.

Election Day on Boston Common Fifty Years Ago.

In Edward Everett Hale's interesting article upon the old election days (generally called "lections"), he says:

"Every school held holiday on these occasions. The night before, and early in the morning, you saw carts taking up benches, boards, and even rude tents to the Common; and these were arranged in rude streets along the Park street and Common; street sides, along the lines of the malls.

At these booths were sold whatever children or visitors from the country might wish to eat or drink, with certain confections which were sold at no other places.

Red checkery candy stamped with a great head,—which was said to be head of Gov. Endicott,—cocoanuts, pineapples, oranges, oysters, clams, lobsters, dates, figs, prunes,—strange to say,—tamarinds which were wrapped up in brown paper for the purpose of carrying home, ginger beer, spruce beer, lemonade colored red with currants, baked buns, pies of every sort, doughnuts, men, women, and beasts stamped out from gingerbread, fire-crackers,—then always called India

crackers—and a few toys, among which were jumping jacks.

I remember giving all my money for a purse, and when I bought the purse I had nothing to put in it; but usually I was wiser, and spent the money for the time being."

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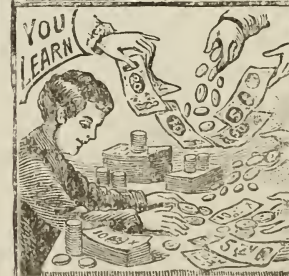
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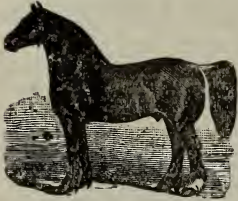
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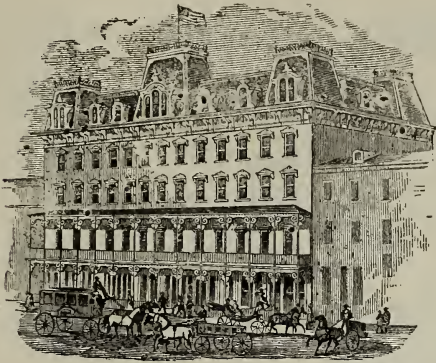
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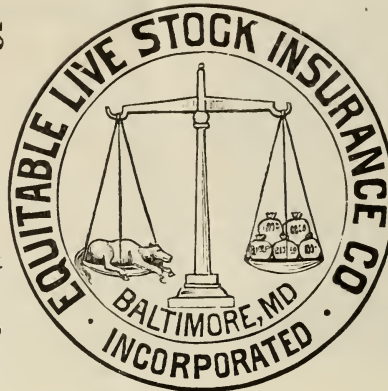
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DAILY EXCEPT SUNDAY.

- 7.00 A. M.—Accommodation for Hanover and Gettysburg, Pa., and all points on B. and H. Division and Main Line East of Emory Grove; also, Carlisle and Gettysburg and Harrisburg R. R.
- 8.03 A. M.—Mail for Williamsport, Hagerstown, Shippensburg and points on Main Line and B. and C. V. R. R.; also, Frederick and Emmitsburg, and points on N. and W. R. R. to Shenandoah.
- 10.00 A. M.—Accommodation for Union Bridge and Hanover, Pa., with connection at Hanover for New Oxford, Gettysburg, Mt. Holly Springs and Carlisle.
- 1.25 P. M.—Race Train for Arlington.
- 2.25 P. M.—Accommodation for Emory Grove.
- 3.20 P. M.—Blue Mountain Express for Westminster, New Windsor, Union Bridge, Frederick, Mechanicstown, Blue Ridge, Buena Vista Spring, Blue Mountain, Hagerstown, Martinsburg and Winchester. (Parlor car.)
- 3.32 P. M.—Express for Arlington, Howardville, Owings's Mills Glyndon and all points on B. & H. Division, Mt. Holly Springs, Carlisle and points on Gettysburg & Harrisburg R. R.
- 4.00 P. M.—Express for Arlington, Mt. Hope, Sudbrook Park, Pikesville, Green Spring Junction, Owings's Mills, St. George's, Glyndon, Glen Falls, Finksburg, Patap-co, Carrollton, Westminster, Avondale, Medford, New Windsor and Main Line Stations West; also, Emmitsburg, B. & C. V. R. R., Norfolk & Western R. R. and points South.
- 5.15 P. M.—Accommodation for Union Bridge.
- 6.13 P. M.—Accommodation for Union Bridge.
- 8.46 P. M.—Accommodation for Emory Grove.
- 11.35 P. M.—Accommodation for Emory Grove.

SUNDAY.

- 9.30 A. M.—Accommodation for Union Bridge and Hanover.
- 2.30 P. M.—Accommodation for Union Bridge.
- 4.00 P. M.—Accommodation for Alesia.
- 10.30 P. M.—Accommodation for Emory Grove.

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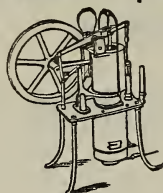
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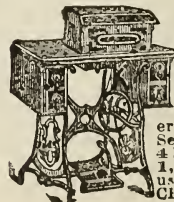
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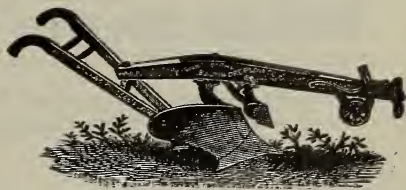
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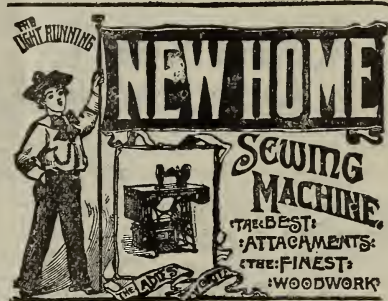
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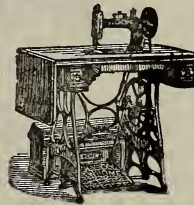
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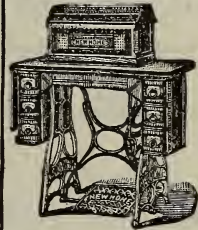
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The cut, though not life size, is very life like and exhibits him in his favorite attitude of "Attention, or, who comes?"

Whilst it shows the open alertness of his countenance, it necessarily cannot portray the slow but masterful swaying of his tail. Neither does it convey to you that from his fore legs forward he is colored a spectral white.

He assumes his present position when he hears footsteps coming up the stairs, and thus remains until he is satisfied whether it is a bill collector or a man coming in to pay a bill.

When it is the former he presses an electric button with his left forefoot on the wall, which lights a weird green ghostly light in the hall; dipping his tail in a bucket of red paint, which is kept by the door for the purpose, with a growl so terrible that it sometimes scares himself, he issues forth to meet the adversary.

But they never meet, for the visitor suddenly concludes to call again.

If he decides it is a man coming to pay a bill, he scurries over to the music box and starts it playing "Comrades" or some other fraternal ode and slips out through the ante room and takes his station in the hall, and never lets the visitor out until he has not only paid his bill, but subscribed to the *Farmer*.

There are other valuable characteristics possessed by our New Doorkeeper which endear him to us. One of which is his annual habit of shedding his old

suit of clothes for a new outfit, which fact not only keeps the family in shoe leather, but enables *us* to be independent towards the man who won't subscribe.

Another is, he cannot be weighed in his scales and found wanting. Another, he is able to keep in the swim; and yet another, he hasn't a large stock of grandmothers, aunts, uncles, etc., to die during the baseball and circus season, therefore he does not lose any time attending funerals.

He has other recommending qualities, and so far but one thing to be corrected; and that is, he will nibble at our slippers, which we suppose, as they are made from his hide, he thinks he has a right to eat.

As we observed we would like to correct him of that habit and would be thankful if some one would suggest where to spank, as he is young yet. You might mention it when you send in the name.

We have lately been compelled to thrust new responsibilities on him and have made him our body-guard and private detective. Since the invention of our automatic subscriber and automatic advertiser our subscription and advertising list have increased so rapidly that like other millionaires we owe it to our family to adopt this latest fad and precaution.

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